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Sheet 1 of 4

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
11635-004001Application No.
09/839,658Information Disclosure Statement
by Applicant

(Use several sheets if necessary)

Applicant
Bradley et al.Filing Date
April 19, 2001Group Art Unit
1635/637

37 CFR §1.98(b))

SEP 25 2001
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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
T.S	✓ AA	4,806,631	02/21/89	Carrico, et al.			
	✓ AB	4,818,681	04/04/89	Dattagupta			
	✓ AC	4,826,789	05/02/89	Jones, et al.			
	✓ AD	4,826,790	05/02/89	Jones, et al.			
	✓ AE	4,937,188	01/26/90	Glese, et al.			
	✓ AF	4,957,858	09/18/90	Chu, et al.			
	✓ AG	4,963,436	10/16/90	Jones, et al.			
	✓ AH	5,008,220	04/16/91	Brown, et al.			
	✓ AI	5,024,933	06/18/91	Yang, et al.			
	✓ AJ	5,055,429	10/08/91	James, et al.			
	✓ AK	5,190,864	03/02/93	Glese, et al.			
	✓ AL	5,215,882	06/01/93	Bahl, et al.			
	✓ AM	5,472,842	12/05/95	Stokke, et al.			
	✓ AN	5,554,744	09/10/96	Bhongle, et al.			
	✓ AO	5,514,785	05/07/96	Van Ness, et al.			
	✓ AP	5,601,982	02/11/97	Sargent, et al.			
	✓ AQ	5,610,287	03/11/97	Nikiforov, et al.			
	✓ AR	5,630,932	05/20/97	Lindsay, et al.			
	✓ AS	5,637,687	06/10/97	Wiggins			
	✓ AT	5,641,630	06/24/97	Shitman, et al.			
	✓ AU	5,665,549	09/09/97	Pinkel, et al.			
	✓ AV	5,830,645	11/03/98	Pinkel, et al.			
	✓ AW	5,965,362	10/12/99	Pinkel, et al.			
	✓ AX	5,976,790	11/02/99	Pinkel, et al.			
T.S	✓ AY	6,077,673	06/20/00	Chenchik, et al.			

Examiner Signature

Teresa Stnelecia

Date Considered

8/13/02

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Substitute Disclosure Form (PTO-1449)

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		Filing Date April 19, 2001	Group Art Unit 4635 1637

Foreign Patent Documents and Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TS	✓ AZ	99/09218	02/25/99	WO				
TS	✓ AAA	99/13319	03/18/99	WO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
TS	✓ ABB	Kern, et al., "Direct Hybridization of Large-Insert Genomic Clones on High-Density Gridded cDNA Filter Arrays", BioTechniques 23:120-124, July 1997
	✓ ACC	Rice, et al., "Comparative Genomic Hybridization in Pediatric Acute Lymphoblastic Leukemia", Pediatric Hematology and Oncology, 17:141-147, 2000
	✓ ADD	Kim, et al., "Putative Chromosomal Deletions on 9P, 9Q and 22Q Occur Preferentially in Malignant Gastrointestinal Stromal Tumors", Int. J. Cancer; 85, 633-638; 2000
	✓ AEE	Houldsworth, et al., "Comparative Genomic Hybridization: An Overview", American Journal of Pathology, Vol. 145, No. 6, December 1994
	✓ AFF	Wa'el Fi-Rital, et al., "High-Resolution Deletion Mapping of Chromosome 14 in Stromal Tumors of the Gastrointestinal 14 in Stromal Tumors of the Gastrointestinal Tract Suggests Two Distinct Tumor Suppressor Loci", Genes, Chromosomes & Cancer 27:387-391; 2000
	✓ AGG	David J. Stewart, "Making and Using DNA Microarrays: A Short Course at Cold Spring Harbor Laboratory", Genome Research, www.genome.org
	✓ AHH	Suzuki, et al., "Construction and evaluation of a porcine bacterial artificial chromosome library", Anim Genet; 31(1): 8-12; FEB 2000 <i>Abstract only</i>
	✓ AII	Bertucci, et al., "Sensitivity issues in DNA array-based expression measurements and performance of nylon microarrays for small samples", Hum Mol Genet; 8(9):1715-22; Sep 1999 <i>Abstract only</i>
	✓ AJJ	Zhao, et al., "High-density cDNA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression", Gene 156(2):207-13; Apr 24 1995 <i>Abstract only</i>
	✓ AKK	Kern, et al., "Direct hybridization of large-insert genomic clones on high-density gridded cDNA filter arrays", Biotechniques; 23(1):120-4; Jul 1997 <i>Abstract only</i>
	✓ ALL	DeRisi, et al., "Genomics and array technology", Current Opinion Oncology; 11(1):76-9; Jan 1999 <i>Abstract only</i>
	✓ AMM	DR Walt, "Techview: molecular biology. Bead-based fiber-optic arrays." Science 21:287(5452):451-2; Jan 2000 <i>Title only</i>
	✓ ANN	Mark Schena, "Microarray Biochip Technology", Hardcover Eaton Pub Co.; ISBN: 1881299376; January 2000 <i>Amazon.com review</i>
	✓ AOO	Yan, et al., "CpG Island Arrays: An Application toward Deciphering Epigenetic Signatures of Breast Cancer", Clinical Cancer Research; Vol. 6, No. 4, 1432-1438; April 2000
	✓ APP	Huang, et al., "Methylation profiling of CpG islands in human breast cancer cells", Human Molecular Genetics, Vol. 8, No. 3m 459-470; 1999
	✓ AQQ	J. P. Issa, "CpG-Island Methylation in Aging and Cancer", Curr. Top. Microbiol. Immunol. 249, pp. 101-118; 2000,
TS	✓ ARR	Pfeifer, et al., "Mutation Hotspots and DNA Methylation", Curr. Top. Microbiol. Immunol. 249, pp. 1-19; 2000

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Other Documents (include Author, Title, Date, and Place of Publication)		
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TS	✓ ASS	Cross, et al., "CpG island libraries from human Chromosomes 18 and 22: landmarks for novel genes", Mammalian Genome, Vol. 11, No. 5, May 2000
	✓ ATT	Eads, et al., "MethylLight: a high-throughput assay to measure DNA methylation", Nucleic Acids Research, Vol. 28, No. 8 E32-00; 2000
	✓ AUU	Pogribny, et al., "A Sensitive New Method for Rapid Detection of Abnormal Methylation Patterns in Global DNA and within CpG Islands", Biochemical and Biophysical Research Communications 262, 624-628; 1999
	✓ AVV	Edward J. Oakeley, "DNA methylation analysis: a review of current methodologies", Pharmacology & Therapeutics, Vol. 84, No. 3, pp. 389-400; December 1999
	✓ AWW	Robertson, et al., "DNA methylation: past, present and future directions", Carcinogenesis, Vol. 21, No. 3, pp. 461-467; March 2000
	✓ AXX	Fan, et al., "Parallel Genotyping of Human SNPs Using Generic High-density Oligonucleotide Tag Arrays", Research, Vol. 10, No. 6, pp. 853-860; June 2000
	✓ AYY	Sapolsky, et al., "High-throughput polymorphism screening and genotyping with high-density oligonucleotide arrays", Genetic Analysis Biomolecular Engineering, Vol. 14, Nos. 5-6, 187-192; Feb 1999
	✓ AZZ	Emerson, et al., "LXIII Cold Spring Harbor Symposium on Quantitative Biology: Mechanisms of Transcription, Biochimica et Biophysica Acta 1423 R45-R51; 1998
	✓ AAAA	DeRisi, J., et al., "Use of a cDNA microarray to analyze gene expression patterns in human cancer," Nature Genetics, 14:457-460; 1996
	✓ ABBB	Schena, et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", Proc. Natl. Acad. Sci. Vol. 93, pp. 10614-10619, October 1996
	✓ ACCC	Schena, et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, pp. 467-470; 20 October 1995
	✓ ADDD	Shalon, et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization", Genome Research, 6:639-645; 1996
	✓ AEEE	Maskos, et al., "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised <i>in situ</i> ", Nucleic Acids Research, Vol. 20, No. 7; pp. 1679-1684; March 1992
	✓ AFFF	Hacia, et al., "Detection of heterozygous mutations in BGRCA1 using high density oligonucleotide arrays and two-colour fluorescence analysis", Nature Genetics, Vol. 14; pp. 441-447; December 1996
	✓ AGGG	Lockhart, et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", Nature Biotechnology, Vol. 14, pp. 1675-1680; December 1996
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	✓ AIII	Ramsay, Graham, "DNA chips: State-of-the-Art", Nature Biotechnology, Vol. 16, pp. 40-44; January 1998
	✓ AJJJ	Marshall, et al., "DNA chips: An array of possibilities", Nature Biotechnology, Vo. 16, pp. 27-31; January 1998
TS	✓ AKKK	Castellino, Alexander M., "When the Chips are Down", Genome Research, Vol. 7, pp. 943-946; 1997

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TS	✓ ALLL	Skena, Mark, "Genome analysis with gene expression microarrays", BioEssays, Vol. 18 No. 5, pp. 427-431; January 1996			
TD	✓ AMMM	Beattie, et al., "Hybridization of DNA Targets to Glass-Tethered Oligonucleotide Probes", Molecular Biotechnology, Vol. 4, pp. 213-225; 1995			

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